

1-5. (CANCELED)

6. (CURRENTLY AMENDED) ~~The shift device according to claim 5 wherein on an outer circumference of the shifting roll,~~ A shift device for a transmission with a cam drive the shifting device, the shifting device comprising:

a shifting roll rotatably guided about an axle, and the shifting roll having a plurality of grooves formed in an exterior surface thereof;

a corresponding selector finger for engaging with each of the plurality of grooves;

a plurality of rocking elements (8), each of the rocker elements being [[are]] supported on an individual rotatable axle axes (6)

wherein the rocker elements are located proximate an outer circumference of the shifting roll and each rocker element is which are provided, on both ends respectively each respective end thereof, with a wedge-shaped tip[[s]] (1, 2, 3, 4, 5; 10, 11, 12, 13, 14), and a compresssing spring (9) is located on one side of the rotatable axle (6) a compression spring (9) is placed, which exerts a pivoting force upon the respective wedge-shaped tips (1, 2, 3, 4, 5), which on the rocking element (8) are located on an end of the rocker element which is remote from the compression spring (9).

7. (CURRENTLY AMENDED) The shift device according to claim 6, wherein each of the rotatable axes axle (6) is asymmetrically placed in reference to a corresponding groove.

8. (CURRENTLY AMENDED) The shift device according to claim 6, wherein each groove further comprises:

a plurality of neutral groove portions; and

at least one gear stage groove portion, and a pair of the neutral groove portions are located on each side of the at least one is bound to each gear stage groove portion of the shifting roll.

9. (NEW) A shift device for a transmission having a cam drive, the shifting device comprising:

a shifting roll rotatably about an axle, and the shifting roll having a plurality of grooves formed in a surface thereof;

a respective selector finger engaging with each one of the plurality of grooves, and each one of the respective selector fingers being guided by the respective groove as the shift roll rotates;

wherein at least one of the plurality of grooves has a two spaced apart rocker elements located therein, and each of the rocker elements is located within the respective groove for diverting the respective selector finger, each rocker element is pivotably supported and extending substantially normal to the respective groove, each opposed end of the rocker elements has a wedge-shaped tip (1, 2, 3, 4, 5 or 10, 11, 12, 13, 14) for engaging and diverting the respective selector finger, and a respective spring (9) biasing one wedge-shaped tip (10, 11, 12, 13, 14) of the rocker element radially outward, about the pivot axis, and simultaneously biasing the opposite wedge-shaped tip (1, 2, 3, 4, 5) radially inward so that the shift device is a passive, speed of rotation regulated system, and a choice of a desired gear stage for upshifting as well as downshifting is achieved as a function of a speed of rotation of the shifting roll relative to centrifugal force.

10. (NEW) The shift device according to claim 9, wherein each of the axles (6) for the rocker element (8) is asymmetrically placed with reference to a corresponding groove.

11. (NEW) The shift device according to claim 9, wherein each groove further comprises a plurality of spaced apart neutral groove portions and at least one gear stage groove portion, and each gear stage groove portion is sandwiched between a pair of neutral groove portions.

12. (NEW) The shift device according to claim 9, wherein a plurality of the grooves have at least one rocker element located therein, and each of the rocker elements is located within the respective groove for diverting the respective selector finger, each rocker element is pivotably supported, about a respective pivot axis extending substantially normal to the respective groove, each opposed end of the rocker element has a wedge-shaped tip (1, 2, 3, 4, 5 or 10, 11, 12, 13, 14) for engaging and diverting the respective selector finger, and a respective spring (9) biasing one wedge-shaped tip (10, 11, 12, 13, 14) of the rocker element radially outward, about the pivot axis, and simultaneously biasing the opposite wedge-shaped tip (1, 2, 3, 4, 5) radially inward.

13. (NEW) The shift device according to claim 9, wherein one of the grooves guides a respective selector finger for reverse gear.

14. (NEW) A shift device for a transmission having a cam drive, the shifting device comprising:

a shifting roll rotatably about an axle, and the shifting roll having a plurality of grooves formed in a surface thereof;

a respective selector finger engaging with each one of the plurality of grooves, and each one of the respective selector fingers being guided by the respective groove as the shift roll rotates;

wherein at least one of the plurality of grooves has a two spaced apart rocker elements located therein, and each of the rocker elements is located within the respective groove proximate an outer circumference of the shifting roll for diverting the respective selector finger, each rocker element is pivotably supported, about a respective pivot axis located proximate an outer circumference of the shifting roll and extending substantially normal to the respective groove, each opposed end of the rocker elements has a wedge-shaped tip (1, 2, 3, 4, 5 or 10, 11, 12, 13, 14) for engaging and diverting the respective selector finger, and a respective spring (9)

biasing one respective wedge-shaped tip (10, 11, 12, 13, 14) of the rocker element radially outward, about the pivot axis, and simultaneously biasing the opposite respective wedge-shaped tip (1, 2, 3, 4, 5) radially inward so that the shift device is a passive, speed of rotation regulated system, and a choice of a desired gear stage for upshifting as well as downshifting is enabled as a function of a speed of rotation of the shifting roll relative to centrifugal force.